



PATENT  
ATTORNEY DOCKET NO. 46969-5311

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Akinori OHKUBO et al.

Application No.: 10/686,780

Filed: October 17, 2003

Title: TITLE ANGLE DETECTION  
DEVICE AND METHOD UTILIZING  
PATTERN IDENTIFICATION (AS  
AMENDED)

Examiner: Gautam Patel

Group Art Unit: 2627

Confirmation No.: 7707

**MAIL STOP AMENDMENT**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed after the events recited in § 1.97(b) but, to the undersigned's knowledge, before the mailing date of a Final Action, a Notice of Allowance, or another action that closes prosecution in the above-referenced application. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00, as specified by § 1.17(p).

A European Search Report dated September 25, 2006 that issued in a counterpart European patent application and having documents cited therein is attached for the Examiner's consideration. The cited documents, or U.S. patent family members relating to the cited documents (as indicated on the attached Annex to the European Search Report), are listed on the attached PTO Form 1449.

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This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over any of the listed documents, should any of the documents be applied against the claims of the present application.

**Except** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, *or* credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**



Paul A. Fournier

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Dated: October 12, 2006

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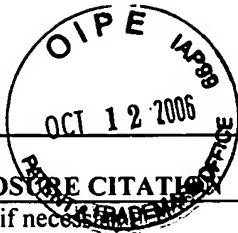
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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary.)	Attorney Docket No.: 46969-5311	Serial No.: 10/686,780
	Applicants: Akinori OHKUBO et al.	Page 1 of 1
<b>PTO Form 1449</b>	Filing Date: October 17, 2003	Group Art Unit: 2627

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	5,130,963	Jul. 14, 1992	Kusano et al.			
	5,886,496	Mar. 23, 1999	Furukawa et al.			
	6,137,754	Oct. 24, 2000	Furukawa et al.			
	2002/0048243	Apr. 25, 2002	Yanagisawa et al.			
	2002/0060965	May 23, 2002	Tobita et al.			
	2003/0031112	Feb. 13, 2003	Horimai			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.